

Office of Environmental Assistance
RADON FAST FACTS



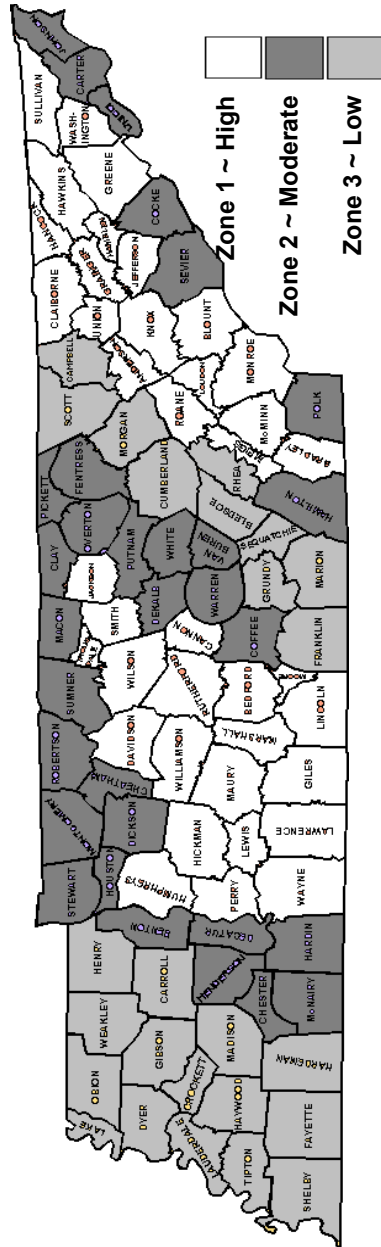
TEST FOR RADON TODAY!

1-800-232-1139

The only way to know is to test.

Anderson, Bedford, Blount, Bradley, Claiborne, Davidson, Giles, Grainger, Greene, Hamblin, Hancock, Hawkins, Hickman, Humphreys, Jackson, Jefferson, Knox, Lawrence, Lewis, Lincoln, Loudon, Marshall, Maury, McMinn, Meigs, Monroe, Moore, Perry, Roane, Rutherford, Smith, Sullivan, Trousdale, Union, Washington, Wayne, Williamson, and Wilson have been designated as having a high potential for indoor radon problems in Tennessee.

High Risk Counties in Tennessee



The Tennessee Department of Environment and Conservation is committed to principles of equal opportunity, equal access and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-7455 or the ADA Coordinator at 1-866-253-5827 for further information.

Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

Tennessee Environment and Conservation, Authorization No. 327205, 20,000 copies. This public document was promulgated at a cost of \$0.06per copy. October 2007.



Radon Program
711 R. S. Gass Boulevard
Nashville, Tennessee 37216

PLACE
 STAMP
 HERE

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711 R. S. Gass Boulevard
Nashville, Tennessee 37216

SPECIAL POINTS OF INTEREST:

- Radon is the second leading cause of lung cancer, resulting in more than 21,000 deaths each year.
- Millions of homes have elevated radon levels and should be tested regularly to reduce the risk of lung cancer.
- When people who smoke are exposed to radon, the risk of lung cancer is significantly higher.

RADON AND ITS HEALTH RISKS:

In a National Health Advisory issued on January 13, 2005, U.S. Surgeon General Richard H. Carmona warned the American public about the risks of breathing indoor radon. "Indoor radon is the second-leading cause of lung cancer in the United States and breathing it over prolonged periods can present a significant health risk to families all over the country," Dr. Carmona said. "It's important to know that this threat is completely preventable. **Radon can be detected with a simple test and fixed through well-established venting techniques.**"

REDUCE EXPOSURE TO INDOOR RADON:

Radon causes more than 21,000 cases of lung cancer deaths each year. Smokers exposed to radon have a much higher lung cancer risk. Because millions of homes have an elevated radon levels, Tennesseans should test their homes for radon every two years and retest if structural changes are made to the home.

For high radon counties the Tennessee Department of Environment and Conservation recommends the following

- (1) When building a home, install one or more radon escape stacks at the time of construction;
- (2) When purchasing a home, require a radon test prior to closing; and
- (3) Occupants of existing homes in high radon counties should test their homes for excessive radon and install a radon removal system if needed.

WHAT IS RADON AND WHY IS IT DANGEROUS?

- Radon is a naturally occurring radioactive gas produced during the normal decay of uranium found in the earth's crust. Radon is a colorless, odorless, and tasteless radioactive gas that occurs naturally in most rocks and soil and is harmlessly dispersed in outdoor air. However, when radon is trapped in buildings especially at elevated levels, it can increase the risk of lung cancer.
- EPA estimates that over 70% of Tennessee's population lives in moderate to high risk radon areas. All Tennesseans should test their homes for radon.
- Daily exposure at 4 picocuries (pCi/L) of radon is the same as smoking half a pack of cigarettes each day. One year's exposure to 10 pCi/L of radon equates to having 500 chest x-rays each year.

RADON

The Only Way to Know Is To Test

WE'RE ON THE WEB!

WWW.TDEC.NET/EA/RADON

HOTLINE

1-800-232-1139

FREE RADON TEST KIT

First Name

Last Name

Address

City

State

Zip Code

County

Email Address

Sign up for:

☐ Radon Information by Email

Receive one Radon Test Kit at no charge (laboratory analysis included). This test is easy to perform and the results will be sent directly to you.

Foundation Type: (select all that apply)

☐ Basement

☐ Slab on ground

☐ Crawlspace

** If your home is a split-level style house it typically has a below-grade level that is considered a basement and a ground level portion that is either slab-on-grade or a crawl space. One radon kit is needed for each foundation type.

CODE:

TEST KIT #: